

U. S. DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY

Form Bi-689

FIELD DIARY

Mr. E. A. Goldman

(Official title.)

Period, Feb 20 to Mar 30, 1926

Mexico
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Feb. 20 ^{sub.} Acambaro ^(5771 ft.)
Patzcuaro, Mich., Mexico
Left Acambaro ^(7183 ft.) 6.35 A.M. arrived
Patzcuaro 10.51 A.M.

Lake Guizaco, said to cover more
area than Lake Patz. but not so
deep. Thousands of acres of tule
marsh along southern shore. Saw
from train about 100 ^{not 3} pelicans in
flocks of 50 each. Flock of *D. cyanop.*
about 40; blue-winged teal mixed
with *D. cyanop.* about 20. Fulica
americana - several hundred - most
common water bird. Lake said to
have no outlet. Water unusually
high as shown by dry land veg.
in edge of water. Heavy rains
said to have fallen in December.
alt. 1832 meters at Querendaro.

Morelia - alt. 6070.

Feb. 20 con.

Lake Patzcuaro, alt. 2044 at station
Lerma road.

Toxoptera 1st.

Maracauna - about 2.5 yds
mixed with about 50 birds in
open lake, - a little later a
group of about 200 and still others
in groups ranging into aggregating thousands.
Lake cygnop - also in
open water - many others & small groups
also - 2nd in numbers.

Ardeotis

xvallis - 11, open water 3.

Olegadis guarauna.

and other small birds.

Plegadis in lakes, - 6 open
water. 32 in point of numbers.

Plegadis in lakes, one

Plegadis in lakes

Tamias atricilla?

Scardafella irca

Feb. 20 con.

Pintail. Said to be common in
late marsh at ^{east} end of lake not visited
by us. None were seen by us.

Spoonbill. Said to be common
along with pintail in late marsh
at east end of lake.

Maraca americana

Lungquidula cygnop.

discors

Ardeotis

xvallis

Thousands of
all these seen in
open water
but abundance in
open water.

Zones, although rather young
fuzzing across granular ground
as fences and many flowers,
including floripondia near house
however, appear to be unimpaired.

Feb. 21 (Sun), Patzcuaro
to Pungia.

Left Patz, 11:20 a.m.

Ajuno, mixed pine & oak belt -
also including many inodros and
a Rubus noted - apparently a rasp-
berry. At a small station among
the pines Sereno were growing
unprotected (and flowering at this
season out of doors. Also Sambucus
and Baccharis bushes, also P. unguis
(common tree type).

Zones lower down, extends along
valley bottom north from point
a short distance, with
Pimindicars, L.S. veg. of the
region, popo, garambillo,
Impatiens flava type.

Wichita level valley
about a size Ardea

Ardea herodias, also saw
a cypress near Wichita.

Shore birds, saw several
flocks of marbled shore birds
near Wichita, flying over
marshy land.

Arrived Pungia 6:30 - town
about below's from R.R. stat.

~~Left Sun~~

Feb. 22 (Mon.) Pungia
to La Balsa, Left Pungia 12:11
valley, extensive, mostly level
ground of dark heavy soil.
Original flora apparently large
of mesquite, now mixed with
Acacia farnesiana. Hill slope
bordering valley rocky and
rather barren, covered with
low mixed growth including
the flower, various cacti
and berry shrub.

Feb. 22 con.

Zuma Riv., In most places
a rather sluggish stream
flowing bet. low banks but
in places passes through
rocky hills where it is
rapid but very shallow and
the volume of water at
this season is ^{very} small.
Wetland borders ^(near Guadalupe) ¹¹ ^{My Guita says}
disappears. Warmer than before
as shown by unfrosted tobacco
while it has been ripped
by frost on bottom. The
sub-type includes Elaeagnus,
Myrica, and a pink
cotton tree noted on south
slope. Also considerable
tall grass and a cactus
of Sarcobatus type.

Feb. 22 con.

Navel oranges. Good quality
oranges about 96¢. selling at
train at Guadalupe for 10 cents
each, presumably from California.
Similar oranges in Mexico City,
price asked was 25 cents each.
Excellent locally grown oranges of
fair size are 5 cents each.
Arrived La Brea 3.15 PM.

Feb. 23. La Brea to

Pueblo Viejo - return by auto.

Left town 8 AM arrived

Pueblo Viejo 9.30 AM.

Bolsonius luteus

Junco cyanus (in tubs)

Plegadis guarauna.

Fulica americana.

Ibis - 2, dark colored

Gallinula delawarensis (and 3-4)

50 Jacana gymn- 2 seen.

Feb. 23.

Anas diazi - a pair.

Dafila acuta - 2 males sitting on edge of turf rubbing and working down their plumage, about 400 yds. from shore.

Spoonbill (local name cucharón) a large flock. Males sitting on edge of turf preening feathers.
Largodula bicolor. A large flock.

Spoonbill - Thousands sitting on mud and feeding in shallow water standing on heads, their bodies bobbing up and down in the water as they lugged at something on the bottom.

Actinophorus occidentalis, - 2 seen in tular.

White. petrel. About 25 local name "barregon".

Himantopus mex. About a dozen seen near Pueblo Viejo.

Feb. 23 con.

Ibis - local name "cabezi".

Tantalus laculata. - One - local name "correjón".

Phil. oracorax - 1 in tular.

Agathionas - Flock feeding on mud flat.

at Pueblo Viejo we were very hospitably received by people and by using horses to cross mud holes we covered much of the vicinity of the water areas of that section now diked off from the lake, on foot.

Marsh wren. Several seen & heard.

Podilymbus podiceps. Several seen.

Podilymbus nig. calif. One quite apparently this seen.

Junco mac. Local name zanata and also "marraca".

Fringe. Several seen near fringe.

Feb. 23 con.

has much garbanzo crop which was largely in flower, according to local people, and will not recover even in part. This crop is planted at the end of the rainy season in Dec. and is usually not frost-killed, indicating that temperatures must be mild here.

Feb. 24. La Barta.

Pelecanus. About 200 sitting on mud banks in Rio San Marcos.

Marca. Large flocks - mixed

mixed with spoonbills. Spoonbills - Flocks of about 500 mixed with Marca and with cinnamon teal.

Cinnamon teal. Several small flocks of 20 to 30 in Rio San Marcos.

Feb. 24 con.

Crotophaga sulcirostris - local name "tius". Several said to be ^{well known} resident. Seen in thickets along water.

Archimophanus occid. One seen in Rio San Marcos.

Anas diazi. A number of small groups noted. Commonly sitting on banks or in shallow water - not associated with other ducks.

Totanus. Seven yellow legs. Several seen working over mud in Rio San Marcos.

Falco - Two seen mainly dark color - Chestnut on wings and legs - white bar over the rump and tail tipped with white.

Accipiter cooperii. Saw one drop ^{lightly} on the back of a spoonbill duck which was out -

Feb. 24 con.

merged and the hawk also
partly submerged sat on its
back for perhaps 15 minutes.
Hawk tried to rise carrying
duck but could not lift it
from water. After waiting a
few minutes more it left
the duck and alighted on the
bank about 50 ft. away and
eventually flew farther
away. Spoonbills, Anas diazi,
and marsh moved about
within a few feet of the
hawk on the ducks back,
apparently unconcerned, although
a number had flown or
moved a short distance
when the hawk circled
over them.

Pelecanus rest on mud ~~on~~

Feb. 24 con.

a few moving into the shallow
water from time to time where
they thrash about with their
wings.

Polarus - Greater yellow
legs - a flock of about 18.

Himantopus mex. In flocks
of 10 to a dozen.

Lingula divers - one
flock of about a dozen.

Larus albigilla? I assumed
to be this.

Numenius long. 3 - in mud
& shallow water Rio San
Morano.

Felicia arau. a few
About 100

Myiarchus vaxif. one seen.

Vireo - ^{close} seen in flocks

Willet - About 10 seen working
in shallow water, Rio San Morano.

Circus hudsoni small seen

Feb. 24 con.

Place where pelicans, thousands of ducks and other birds were resting or feeding, now flooded is later to be planted to crops of corn, as the water will recede. Water highest about month of December, dry season lasting until May.

Trip made to border of Lake Chapala where the levee is said to have threatened to break in Dec.

Ducks affected by levee, Many thousands of acres of former marsh at east end of lake have been cut off by levee and a part is now under cultivation yielding excellent crops of corn, garbanzo, etc. Sr. Manuel Munoz, the President Municipal tells

me that he has hunted a great deal and seems to be familiar with local conditions. As this was the marshy part of the lake it greatly reduced the area available for water birds and ducks have diminished in numbers since about 1910 when the levee was completed.

Feb. 25. La Barca to Tlaxton.

Left La Barca 10.10 a.m.

Solitary Sandpiper, one along bank.

Nycticorax naevius -

Sugar cane does well here.

Bulweria viridis

Florida caerulea

Guayaba - along banks seems to do well.

Nycticorax naevius - about 50
sprunged wattlebirds along bank

Colaptes auratus - about 50

Feb. 25 con

once arrived on bank

~~Platanus arb.~~
~~Hydrocotyle sp. xim. to Miquiztli.~~

Kingfisher - 5 in sp.

Ceryle alcyon. -

Columbigallina - temple heron

Scardafella nica

Pipilo fuscus.

Meyiagula tenuis

low

Serna River. Lower course banks
overhung with willows, Baccharis
bushes and small carrizos,Querquedula cyanopt. 3 - near
mouth of river.Sterna forsteri? - all white
except black cap, blk. tipped
wings, red bill

This

Ardea herod - local name
"Garga morena"

Quacana - 5 in - near river

Feb. 25 con

Maraca. One,

Pelican - One.

Tanus atriceps. All all white
with black. Tipped wings.Lecan. sordid. - 4 in sp. in
lake - local name "pajil"

Arrived Acatlan about 3 PM

Trip to Jarway in late
afternoon.

Lake Chapala. The lake is
higher than usual owing
to heavy rains and the
fact that the outflow is
held back by a dam about
5 leagues below Acatlan in the
Rio San Blas. Electric power
for Guadalajara is generated
at the Falls of Juanaacatlan,
but the dam mentioned is
used to control the outflow
for use in turning the

Feb. 25 con

turbines.

The Rio Terna has a sluggish current along its lower course, the banks becoming successively lower as the mouth of the river is approached. From the mouth of the river we entered an area consisting largely of aquatic vegetation, water hyacinths and another water plant with larger bulbs, and in places mats of tules of large extent. These are interrupted by lanes of open water through which we wound finally merging on the open lake not far from Jauway.

Feb. 25 con.

Ducks. Almost none seen today - those noted were a very few Sturnella cyanoptera and Anas diazi.

Sturnella cyanoptera. A few seen near Acollan.

Anas diazi. A single pair seen near Acollan, sitting on an elevated marsh bed, suggesting that they may be paired to breed. A number of these birds have been seen in pairs or in small groups consisting of several pairs.

Jalisco.

Feb. 26. La Barca, to Irapuato, Guanajuato.

Conference with Refugio Ortega. Pintail - he says lots of them last week but now gone.

Feb. 26 con.

Widgeon - local name
"saradillo";

Pintails begin to arrive
latter part of August.

Widgeons arrive a little
later than pintails.

Geese begin to come in
Oct. and leave in Feb. ~~the~~

Three species are claimed by
him to have come formerly.
white-fronted, white geese,
and a very few Branta
canadensis. This year very few
of the white-fronted came
and fewer still of the white
geese and no Brant at all.
Last year he saw 4 Brant.
He attributes this failure to
come to the mild winters
as it did not freeze.

much this year.

✓ This has been a great duck
season according to Ortega.

about 4 years ~~thousands~~ of
ducks died soon after they
arrived about the end of
August. Gulls, curlewes, roseate
spoonbill, local name "ispatula"
and others also died. The
diver did not affect geese
or galleretas (coots).

Panama belurwion, said to live here
all the year and nest.

Black necked stilts - local
name "candillero". Ortega
claims they nest here.

Avocet - Local name "boceta"
according to Rufus Ortega.

~~Avocet~~ Left ~~La Bana~~ ^{begin} 10:10
A.M.; arrived Trapuate about
3 P.M.

Quercus macrocarpa. A large ^{at}
along road in the ^{tree in plaza} ~~trapuate~~.

Feb. 26.

Passer domesticus, I looked for this species in the city of Mexico, but it does not seem there and appears to be absent in Orapuate.

Feb. 27, Orapuate to San Luis Potosi.

Orapuate alt. 1724 meters.
Left Orapuate 7.05 A.M.

~~Orapuate~~ Salamanca - 8 A.M. alt. 1722 M.
In this section of tableland where soil has apparently never been disturbed dominant plant species is a short-leaved mesquite. Larger trees left in cultivating land giving landscape an orchard-like appearance.

Pyroceph. r. mex. - Pair perched on cottonwood at Santa Cruz, Eto.
alt. 1750 meters.

Distribution, Gen. plain near Orapuate of heavy black soil, No signs of gophers or kangaroo rats. Soil texture must be an important factor in determining the dist. of these and other rodents.

Castor oil beans. Leaves severely frozen.

Arrived Tampalime Gonzales 11.15 A.M.

<u>Astrag. p. mex.</u>	} Tampalime Gonzales.
<u>Pipilo fuscus</u>	
<u>Chondestes g. strig.</u>	
<u>leucopod. m. fusc.</u>	
<u>Lanius l. excubitor.</u>	
<u>Buteo b. cal.</u>	
<u>Tringa sp.</u>	
<u>Acacia farnes</u>	
<u>Gutierrezia (yel fls.)</u>	

Thryomanes bewickii - Eup. Gonzales
= now *Testobeds*.

Left Tampalme Gonzales 2.15 P.M.;
arrived S.L. Peten 7.35 P.M.

Feb. 28 - San Luis Peten
to Tampico, Tam.

Left S.L.P. 10.10 A.M.

Passer domesticus. Abundant
in S.L.P. - not noted farther
south.

Crotona tridactyla. Abundant
on plain $\frac{1}{2}$ an hour run
on R.R. to Tampico east of
S.L.P. Grows here on
lighter soil associated
with mounds.

Notonotus a. leucodermis - a few
found in market S.L.P.
sold at 10 cents each.

Dipod. spectab. Burrows
about $\frac{1}{2}$ an hour run east
of S.L.P.

Villar - A sharp drop to
lower levels at this point,
down through rocky country
the steep slopes being
dense veg. differing widely
from that of plain above,
but apparently S. Am. in
character. Main drop down
to level station of Montaña.

Argemone. Species common in
plants south of S.L.P. and
Lake Chapala to ju. fl. and
wh. sp. appears along R.R.
near Montaña below Villar.

Carduus. From rather barren
rocky hills near this point
descent is rapid. Hills largely

grassy, with small brush,
such as misake grassy sur-
face more open than farther
west. (990m)

Las Canoas. Strategic point
for work, open grassy country
just above, with gopher holes
in reddish soil, ^{trapped}
gopher just below
bordered by dense forest. #
Little town where lodgings
could probably be secured.
Time left, F.S.S. ^{proposed}
give probably ^{believe} Las
Canoas to Cardenas, Tia
of Florida freezing with
on veg. at Cardenas lower.
F. Steg drop to Tamasopo.

Tamasopo (351m.) Gophers

Wish short distances
above in edge of garden.
Little place with Chimney re-
laxant. Could very likely find
lodging, but looks affair of
few

Guanaco

Bluebird

Elephant.

Raccoon. Think I saw gopher
workings near, think low
probably lodgings. Getting dark
soon after we pass the
point.

Mar. 1, 1926, Tampico.
Arrived Tampico 12:10 a.m.

Saw American Consul, Ches,
A. Bay, Dr. Hudson, Harry
W. Birdie, Mr. Adams

Dr. Hudson says
Cottontail - all other
Blue wing & green
Blue bills
Widgeon

Tree duck - *Trichas*
Muscovy - *Peru* etc.
new many of course - local name "pole real"

Spoonbills - they can run
and stay until May.
✓ Mallard - New River.

Timpanog. about 100
miles N. 50 miles N. of Gorge's
Station on R.R.

Dr. Rutter says Oct. 1.
Sp. shed hairs about Feb. 1st
Lawns! ^{awful} Apr. 15 - July 1st. Men say
61

that yg. ducks run first with
old does & old ducks
later with yg. does,

Wild turkeys. Begin getting
about now. do not get very
fat.

Ducks are good eating.

Jacksnipe - New here, winter
24-25 unusually abundant

Ask someone if he
got mallard at Leray, Tam, "2
way bet. here and Monterey,
and just far from ~~San~~
Mr. Adam says:

Blow-god	} all common
Green-wing teal	
Blue wing	
Green wing	
Pintail	
Spoonbill	

Golden-eyes?

Redwings - a few.

Jacksnipe stay here all
winter.

Cawanda goose } These are the
Black Brant, } some Mr. Adams
this country. } thinks come to



(Mr.)

Mar. 2, Tampico, Tam.
Got up 3.30 A.M. to go hunting
with Dr. Hudson and another
man, but it had rained hard
during the night and we got
stuck before we got out of
town and had to return.

Out with Edwin Talvey,

Spoonbill

Pintail

Blue-winged teal

E.S. Mar 2 con.
 Dr. Hudson No. 143
 broken yellow legs
 Lesser yellow legs,
 Hematopus ruber,
 This
 Aythya americana
 Melospiza agitata - large
 number.
 Aythya ajaja,
 Gallinula dominica,
 Lanius borealis.

Mar. 3, Tampico, Tam.
 Up and off shortly after 4 AM
 with Dr. Hudson and Edwin
 Falvey on goose hunt.

Anser albifrons. Found about
 25 kilometers west of Tampico
 where considerable areas dry
 later in season are ~~now~~
 now flooded. The geese fly
 about early in morning usually
 out of gun shot but are
 occasionally killed. Last Sunday
 Feb. 28 Dr. Hudson states that
 he killed 2 from a flock
 flying over, and saw about
 500. This morning I took a
 stand behind a bush and
 about 20 alighted on the
 ground within 200 yards but
 in a place where they could
 not easily be approached.

Mar. 3 con.

This was a place they had evidently frequented as there were numerous droppings on the ground. The birds walked about, some apparently on the lookout. Flapping their wings and apparently searching for food. I had good views of them through glasses and could see the white on foreheads very clearly. They finally flew when Talmy tried to crawl up on them and I fired 2 shots at about 100 yds. Several other small flocks were seen. At one place we drove the car full speed at a small

bunch and got within about 75 yards when we ran the car into a swampy place and were stuck.

Mycteria americana. A flock of 6 of these birds circled curiously about me within shooting distance while I was in the ^{water} ~~marsh~~ thus morning about 25 miles west of Tampico.

Plegadis falcinellus. Large numbers or flocks of 20 to 30 in flooded section 25 miles west of Tampico. 2 shot and examined.

Ajaja ajaja. One seen flying near ~~water~~ in flooded area 25 miles east of Tampico.

Mar. 4. Tampico to
charcos west of town.

Fulica americana.

Pintail (1 at first pond)

Spoonbill, abundant

Ruddy (4 males seen) charcos
west of town.

Centurus teal. Ten or five
seen in charcos west of town.

Phlegadis autumn, In flocks
up to 50.

Juncos. Flocks up to
about 50 in charcos west of
town on plain overgrown
with Acacia.

Blue-winged teal. Abundant
on charcos.

Gulls. Several flocks of
from three to 7 seen.

Agelaius vociferus - 3 or 4
together.

Mar. 5. Tampico to Tamiachua
Lagoon and return.

Left Tampico about 7 A.M. in
launch kindly furnished by
Agui company with Mr.
Carroll of the Cia. Consolidada
de Maderas and traversed the
Chifal Canal and a distance of
perhaps 20 miles down the
lagoon. Returned about 3 P.M.

Tamiachua Lagoon. Open lagoon
with mangrove borders and
mangrove bordered islands ex-
tending for perhaps 60 miles,
separated from sea by sand
ridge rising about 100 ft.
above the water.

Fulix affinis. Thousands, the
most abundant duck.

Canvas back - thousands

Redhead - Hundreds on Tamiachua
Lagoon.

Mar. 5 con,
~~Ceryle~~ ~~largula~~
~~Streptoceryle~~ ~~aur.~~ 2 -
Solitary Sandpiper

Mar. 6, Tawpiss to
Columbus and Altamaha,
Went to Columbus on train
and returned to Altamaha by
auto.

Hunted in marsh in P.M.
and at night.

~~Scolopax~~
~~alternans~~

~~Ceryle~~ ~~largula~~

Mar. 7, Altamaha, Tam.
Out at 5 P.M. into marsh; intend
to snobpart and made another trip
returning 2.30 P.M. with no other
blowing. Night trip planned deferred
Geococcyx - Silvery one seen
flying across tubes.

Dives dives

Cornus | Bull-frog like note -
very coarse.

Arctia, Heard in morning
war town.

✓ Cato real, Said to nest in bunch
of mangrove, - on or near ground
in March & Apr. - Eggs said to be
white 10 - 15 in number.

Leathard floss, Grow about
10 ft high.

Sterna fuscata? Black-
cap

Pato real, Visited place where

Mar. 7 con

Aguire (guide) said he had seen them go to roost. This was in mangroves, apparently *Leucocarpus* standing in shallow water about 1 ft. deep. Five or six flew out of the tules surrounding the place when we came near at noon.

Cormorant local name "pat-zoo".

Butorides viridescens - common
Fluvius caerulea
Hydromys tricolor ruficollis
Dichromys rufescens
Mythorax natus
Nyrodis egretta
Egretta candelarum
Bataurus lentig.
Ardea nyrodis
Guara alba.

Agelaius

Mar. 8, Altamira

Rail. This has haunts where cattail-gloss grow thickly in water about 2 feet deep, its surface heavily overgrown with water hyacinths and other aquatic plants. It remains apparently prefer to remain closely under cover, but occasionally appears at the edges of patches of flags where it does not so completely reveal itself. It is heard when apparently inland chick-chick-a-chick-chicka followed sometimes by a short clear pipe note or whistle of high pitch.

Mar. 7 con

Mar. 8 con.

Another trip into marsh in morning and secured rail of species taken yesterday.

Agelaius - local name "tulinche"
Tree duck. Said to occur -
with black on under parts -
local name "pachichil"

Trip in morning after rails
and in night after pato
real. Entered swamp and
made thorough search,
but found none so
trip was fruitless. Back to
bed at midnight.

Mar. 9. Atamira, 1 am.

Practically entire day
devoted to search, without
success, for Bob white.
They seem unaccountably
scarce. Trips off to points
5 or 6 miles north of town

Mar. 10. Atamira to
Pampico. Trip in morning to
llanos del Priol ~~at~~ about
6 mi. north of town, extensive
open grassy areas such as
formerly extended to very
near Atamira. Found a very
few quail but obtained no
specimens. Trip in afternoon to
charal fields near Atamira
where a covey of quail was
located from which I secured

Mar. 10 con.
in breeding one bird. Returned
to Tampico in evening.

Altamira. Great changes in
character of low plain near
town since my visit about
26 years ago. Grassy plains
dotted with hummocks and ballesteras
and occasional clumps of coacta
have grown up to fairly dense
brush near town, leaving open
areas remaining not more than
5 or 6 miles - and lagoon areas in
lagoon have greatly extended
and are still extending owing
to shallowing of water. Altamira
said to have been a port
reached by vessels of considerable
draft many years ago. Changes
apparently due to the building
of a dike by the Tamisi River
during floods.

Mar. 10 con.

Wild turkeys. Now much scarcer
than formerly near Altamira.

Deer. Said to have decreased
in numbers near Altamira in
recent years. Now hunted a great
deal at night by natives who
use acetylene lights. Caribide
now sold in many of the small
towns for use in such lamps.

Cobras. Have greatly decreased
owing to hunting with dogs near
Altamira and also probably
owing to changes in the
character of the vegetation.

Mar. 10 cont. 20-0

Mar. 11. Tampico.

Remained in town preparing to leave for Parron tomorrow.

Anser albifrons. Mr. Armstrong told me he killed one of these from a high-flying flock Mar. 7, about 30 kilometers west of town.

Ducks. Ed. Falvey tells me that the ducks I found so numerous a few days ago on the channels west of town have apparently nearly all gone or ~~were gone~~ as he noted in visiting that section Mar. 8. Weather. Has turned quite hot today.

Mar. 12. Tampico en route to Parron.

Left Tampico 6.05 A.M.

Near Gonzales the precipitous Cerro del Bernal rises from the plain about 15 miles to the west apparently reaching an elevation of 1500 or 2000 ft. and heavily forested on top. Said to be too steep to be ascended as some engineers who attempted the ascent some years ago failed to reach the top.

Sierra de Tamaulipas, clearly visible to the east about 15 miles from Resillo. Apparently an irregular chain of mts. rising to perhaps 2000 ft. above the low plain, and covered with low forest.

Learned next. Several seen at Resillo.

Mar. 12 con.

Rosillo. Char. of veg. indicating
early spring much drier.

Leucidum. ~~near~~ At Rosillo
first noted

Weather cloudy,
Foggy. Near the hills
to right & left. ~~weather~~
Heavy local shower at
this point.

Fairly high mountains appear
east of R.R. north of Soto La
María River valley, ~~for~~ apparently
rising 2000 or 3000 ft. above
plain.

Reached Monterey 10.30 A.M.
train left

Mar. 14

Mr. Dodson says always
many ducks until this year.
Ducks come about Dec. and leave
mainly early in the

1414 Hidalgo Ave. - Dodson
Machinery. Res. Sur-balle Trevino
La Aurora cantina on cor. red
post across street in middle
of block.

Mar. 15. Torreon

Trip out to water areas in morning. Depressions carrying permanent water bordered by willows, patches of tules and surrounded by fields.

Canvas backs about a dozen.
Fulica about 200

Ruddy, about dozen,
Podilymbus pod. simul.

Redhead, about dozen

Scalp, collaris?, a few.

Marica americana, about a dozen.

Querquedula cyanoptera, a few

Spatula clyp., about a dozen

Nafile acuta, two or 6

Places visited called
Vega de la Candelaria and
Vega Seca.

Mar 16. Left Poreon
3.25 P.M. and reached
Tlahualilo, 6.50 P.M.

Presa de la Boquilla,
on Rio Conchos, extends
for long distance. near
Sta Rosalia and giving
furnishes power and water
for irrigation. ~~off~~
Boquilla Water & Light
Co., Mills Bldg. Col. Poreo
Tux, <sup>Said to be most easily reached
auto about 4 hours from</sup>
Tlahualilo.

David Russek & Co.
can tell who owns
Boquilla Lake

J.M. Fairbairn
Gen. Mgr. Tlahualilo
Cera del Tlahualilo,
Fla Dur

H.W. Potter, Asst. Mgr.
N.C. Loftin, Field Mgr.
72a H.W. Fick, Asst. Field Mgr.

Ed. Butteringham
La Habana - Soap
Factory - Gowing Palace

Mt. Shep said to come
in morning near Casapain
del Oro south of Fortelle

Tom of 87 said to come
said to come near the
Chukuma, Swallow spray of,
in foothills

Dr.
Aiken to Leeds,

Mar. 17, Nohuakila
Spoonbill,
Cinnamon teal,
Aegialitis.

Dafila acuta - About a dozen
in one group.

Lusquedula discors.

Fulica

Ardea herodias.

Lesser yellowlegs.

Aegialitis vocifera.

Pelecanus (white)

Glossy Ibis.

Dead ducks, Fragments of
leaves of the - they

from Wuzi, but some
died some alkali, but
not strong enough to prevent
cotton-growing.

72c Mar, 17 con.

Sayula acuta - 15 seen in one group, about 1st to arrive in Oct, and seen ^{usually} in Sept. when there is early water.

Sandhill crane, appear in Nov. & Dec. in corn, sorghum & milo maize fields. come every year sometimes in flocks of 50 to 75. While they do feed ordinarily with ducks a good many of these birds as same time as ducks. A good many sick birds were picked up by natives and eaten. ^{Sayula acuta} ~~Goats~~ ^{ducks} ~~claves~~ & ducks.

^{Sayula acuta} Ducks Sometimes do considerable damage by eating sorghum taking the heads of sorghum left ~~for~~ to ripen for forage and for seed.

Mar, 17 con.

ducks

^{Tulio collaris} ~~Scapex~~ - A few mixed with other ducks.
Ruddy - A few mixed with other ducks.

Tables, ordinarily an area 50 ^{up to} 250 x 2000 meters commonly divided in 4 squares. ^{Tables} ~~Tables~~ Mr. Fairbairn says he has frequently seen geese passing so high overhead they could hardly be seen at times on Nazas River in northern part of state, but he has never seen them here, but has seen a few white geese.

Porzana spoonbill? About 1907 or 1908 Mr. Fairbairn reports seeing a large flock of what must have been these birds on the Nazas River near ~~Cemex~~ 72d

1 Mar. 18, Tarrion
Returned to Tarrion in morning,
leaving Tlalimalilo, 6.05 A.M.
and arrived Tarrion about 9.25
A.M. Spent remainder of day
attempting to route mail
in Tarrion.

Mar. 19. Tarrion en route
to Chilimalwa.

Left Tarrion 1.35 P.M.
Route of Quon-Sun. Chan. Low
scattered mizzints and heuilla
dominant plants. Reached
Escalon shortly before dark.
Small place with round
house. Irregular ~~the~~ broken
and pointed hills ^{at 15.} 10 miles
away to the east, rising
perhaps 1000 ft. above plain.

Mar. 20. Chilimalwa
Arrived Chilimalwa 7 A.M.

Met on Tarrion Meyer, J. &
S. L. & J. J. & J. J. & J. J.
canvassed back. The boat
in this stream was
2 to 3 miles of distance
about 25 miles at 44-
line in the river. The
Anaya de la Montaña.

Bas Chavira.

Lake Tarrion - Lake
Boquilla, 42 miles long
Area of lake at floor in
67.6 sq. mi. or 43,250

Course: 74 ^{from} ~~from~~
Thomas M. Connelly at Chilimalwa

728.

Mr. Wm. Croft says:

- ✓ Snow geese.
- ✓ Snow geese - very abundant up to Mar, 10.
- Do much damage in corn patches.
- ✓ Canada geese - some are a great many - besides the in face.
- ✓ Snow geese last year stayed until middle of a year.
- ✓ Swans in former years but not recently.
- ✓ Wh. geese - at ^{at lowest place} - why point 187
- 122
- ✓ Middle of 95 mus. over top.
- ✓ Middle of 95 mus. over top.
- ✓ When shot in June whole body slightly dusky, black

Wh. goose.

- ✓ 2000 at that time.
- ✓ Bill pinkish with black inside of bill - inside of edge of mouth; eyes dark.

Dafila acuta - leave early and leave early. (Croft)

Perry G Harrison { San Antonio
Curtis Mining Co { McIntosh
Curtis Mining Co { Gordon
Curtis Mining Co { Niebe

Antelope - about 1000
San Antonio north about 45 miles, 2 years ago, & also south to Pecos River

Wish to John Russell

90 Mina Pefona

729) Estancia San Juan Co. N.M.
Map of property on the 30th
of District 10, N.M. as

Go from San Antonio to
Pueblo de la Laguna. 3
leaves near there, then go
into Stonewall pasture west
of ranch some ^{distance} miles near
there and run down to
lake. Should find walls
that stay green and
along shore. Best way
to get to edge of lake

Mar. 22, Ahukualua to
Ocotillo Lake & Cucapimachic.
Left Ahukualua 7.30 A.M. by
Northwestern R.R.

Route as far as San Andres
through rolling or irregular low
hill country with small, generally
level valleys appearing in places.
Country generally grassy and
apparently waxy. Upper Sonoran,
but a few low-growing
mesquites and acotillos appear
in places especially on south
slopes. Some miles east of
San Andres a few scattered
acotillos noted on some
hill sides with small, scattered
junipers.

West of San Andres we begin
to ascend more rapidly winding
through hills with ledges appearing
in places, largely grass-covered

727 Mar. 22 con.

But oaks begin to appear along with the junipers, and walnuts and cottonwoods occur along small streams. These soon followed by a few pinyon. In less than an hour of slow travel we come out ^{near Bustillos} on a high, level grassy plain with low hills rising ^{scattered} higher a mile or two away, bearing a scattered growth of small oaks.

Bustillos Lake - in depression behind ridge of hills - lowish part of plain extending many miles

Fulcrum	about 12	} San Antonio small dam
Pintail	- about 10	
Ruddy	- " 30	
Spoonbill	- " 100	
Cinnamon Teal	- 1	

Jacksnipe ^{about} - 25
Cinnamon - about 10
~~Mallard~~
~~Jacksnipe~~ - " 10
Green-winged Teal - about 12

Bustillos Lake

Mallard 20 } Birds near.
Greater Yellowlegs 12 } Bustillos Lake

{ White Grease - about 150
Spoonbills - thousands in groups of hundreds
Mallards - Hundreds - thousands in groups

Mr. Harpers's boys

Snow geese. Thousands seen early in March 1925 and 22 killed by 2 men first Sunday in that month. Remain until Apr. at least.

White-fronted. Thousands here until about 2 weeks ago. Backed so they appeared like stone walls on spits running out into

Bustillo's Lake.

72nd Sand Hill crane. Come about
Carter part of Oct. but in
greatest numbers in Jan.,
wintering and shows glaze

Mr. Smith says

Mt. Shuf, about 20 seen last
years 40 or 50 miles east of
Gallegos - in El Rayo Mt. and
La Escaramusa.

Antelope - about 80 in little
south of same general
vicinity.

Redwing Black bird - not seen
Bustillo's Lake.

Reached Bustillo's Lake 6:30 PM
leopard. m. frontalis - abundant
at Cuxi.

Mar. 23 Casahuatechic
to Chilivakung - Trip in morning to For
Bustillo's Lake. ^{Flamingo} ^{Partridge}
Bluebill - apparently none on bill.
Spoonbill - 50
Merganser - 1 - sp?
~~Black Duck~~ - 3 - whole back of head &
sides of body white - (2 a pair of
apparently with some white appearing
as a spot on side of head)
Cinnamon teal) 6
Green-winged teal - 12
Maraca americana - 50
Cinnamon teal - 2
Pintail - 50
Fulvous green - 1
Archibuteo occid. - 1

San Juan
Zapicho

Left Cuxi. by auto no charge
and returned to San Antonio where
about 3 PM took train for Chich.
arriving 7:10 PM; Left Chich. 11:45
PM for Tuxtepec. 72m

Fernando Garinara
Hernandez Cotton Ranch
Pedrera, Dgo.
Ranch about 10 miles from
Pedrera. Said to be
good place for ducks on
Nagao River. ^{when time is} ~~I should go later.~~

Mar. 24 En route ~~Chihuahua~~
to Torreon.

In morning south of Juarez;
arrived Torreon 1:10 PM.

W. H. Dodson,
APT. 72
TORREON
COAHUILA
MEXICO.

} wishes to be
placed on
mailing list,
and list of
pub. available.

720 Mar. 25, Tarreon, Coch.
Remained at Tarreon.

Went to Gomez Palacio
in morning and saw
Edward Brittingham ~~and~~
at the plant of the Compañia
Jabonera and found him
well-informed concerning
game conditions.

Mr. Brittingham says:
^{Swans} Sand hill cranes come about
Oct., and remain in thousands
until early in March.

Swans, sometimes appearing in
small numbers, none this
year.

Ducks abundant but more
scattered than usual on
account of abundance of
water.

Order of abundance
of all plentiful

Mr. Edw. Brittingham says:
Blue & Green-winged Teal
 Pintail

Shoveller.

Goldeneye

Ruddy

Goldeneye (a few)

~~Common teal~~
Merganser ^{sp?}

Canvas-back (very few)

Gadwall (in season numbers)

Mallards (very few)

Redhead (very few)

Greater & lesser yellowlegs

White geese, ~~Peter~~ ^{Nov. 15}

until Apr.

White-fronted and of Oct or

Nov. Apr.

Blue quail largely wiped
out by trapping, formerly abundant.

~~Common quail~~
Pumpkin quail sometimes come in
in numbers but not so abundant
as formerly. 727

Duck sickness - affected
most pintail & blue-winged
teal. Many just before times,
but died up to a date not
definitely fixed.

Mr. J. H. Grant
Corpus Christi, Tex.,
Office in Grant Bldg.
Brother of W. L. Grant of
Dodson Mfg. Co., Parson.

At Corpus Christi go to
Ruces Hotel.

Mr. Emilio

~~Carlos J. Aguilar~~
grus ~~Ext. Marte, Coah.~~
Reported seeing quail Mar. 25
in large numbers in cultivated
fields near El Marte.

Mr. Emilio's Moders
Mt. Sheep - about 40 in
Cuchilla de Garcia about
100 kilos each.

Mar. 27. San Pedro.
Trip to San Marcos about
12 mi S. of San Pedro.

Spoonbill, - about 100

Maraca over, - 10

Cinnamon teal - 30

Scoup - 6

✓ *Himantopus mex.* 20

✓ *Larus* - 12

✓ Jacksnipe - 100

Swans, note from Raul Moders.

722 / Mar. 28 - Trip to Lake
Meyran.

Spoonbill - 100x

Marbled awn - 50

Ardeotis - Small flock 5-20

Phalaropus - Flocks 6-15

Pintail - Small flocks 5-6

Common teal - 75

Docty.

See Jesús J. Treviño

Plaza Purisima
Monterrey N.L.

Widolgo #167. -

Left San Pedro, Coah. 11:45 PM
en route to Matamoros, Tamps.

Mar. 29. Monterrey, N.L.

Remained all day in Monterrey
waiting for train to leave early
tomorrow morning.

Mar. 30, Monterrey to
Matamoros and Brownsville, Tex.

Left Monterrey 6:30 AM
ar. Matamoros 5:40 PM.

Find your Bulletin,
 via the Honolulu
 Honolulu, Tenn

To Acottan 10.15 a.m. M. Drop 3.10^{PM}
 " Drop. 7.05 in a " Longals 10.00
 " Change in balance 7.46?
 " Longals 2.15 - 11.35 P. 7.35
 " S.P. 10.10 " " Tampier 12.10 a.m.
~~To Acottan 10.15 a.m. M. Drop 3.10^{PM}~~
 To, Tam. 11.15 a.m. ar. S.P. 1.00 p.m.
 1. S.P. 1.00 p.m. " 1.00 p.m. 4.50 p.m.
 1. 2.00 p.m. 2.00 p.m. " Tam. 1.00 p.m.

To, Tam. 6.05 a.m. / ar. / work 8 P.M.
 " Work. 5.58 P.M. " / 7.5 / 5.55 P.M.

James W. Bradbury
 Mexican Gulf Oil Co.

Tampier

~~To, Tam. 11.15 a.m. ar. S.P. 1.00 p.m.
 1. S.P. 1.00 p.m. " 1.00 p.m. 4.50 p.m.
 1. 2.00 p.m. 2.00 p.m. " Tam. 1.00 p.m.~~

ES. Henderson

To, 30. 11.45 a.m. ar. Mont. 7.15 p.m.
 To, Mont. 6.30 a.m. " M. 5.40 p.m.

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Sr. Manuel Muñoz
Presidente Municipal
La Barca, Jal.